

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number  
**WO 2004/000110 A3**

(51) International Patent Classification<sup>7</sup>: **G06T 17/00,**  
G06F 19/00, A61B 5/00

(21) International Application Number:  
PCT/CA2003/000886

(22) International Filing Date: 12 June 2003 (12.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2,391,132 21 June 2002 (21.06.2002) CA

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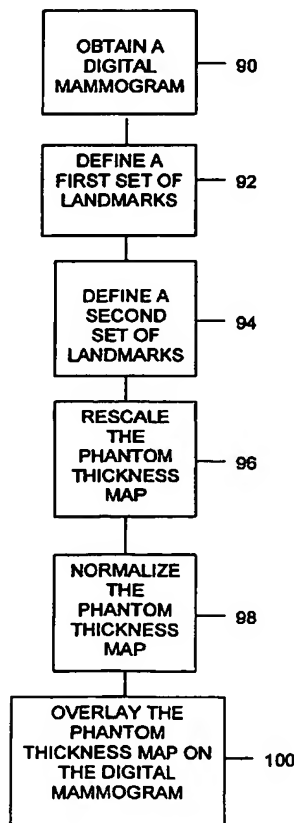
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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,  
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,  
UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR DETERMINING PERIPHERAL BREAST THICKNESS



(57) Abstract: A method, computer software product and computer system for analyzing digital mammograms. The method, computer software product and computer system involve a generating phantom thickness object; receiving a set of dimensions for a breast; and, transforming the phantom thickness object to conform to the set of dimensions for the breast to provide the three-dimensional breast thickness object.

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European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:  
8 April 2004

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 03/00886

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06T17/00 G06F19/00 A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T G06F A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EP0-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SAMANI S ET AL: "BIOMECHANICAL 3-D FINITE ELEMENT MODELING OF THE HUMAN BREAST USING MRI DATA" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 20, no. 4, April 2001 (2001-04), pages 271-279, XP001096853 ISSN: 0278-0062 paragraph 'III.B! ---	1,5,9
A	WO 00 52641 A (HIGHNAM RALPH ;ISIS INNOVATION (GB); BRADY JOHN MICHAEL (GB)) 8 September 2000 (2000-09-08) claims 35-40; figures 16-20 --- -/--	1,5,9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the International search

13 November 2003

Date of mailing of the international search report

26/11/2003

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International Application No

PCT/CA 03/00886

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BAKIC P ET AL: "An approach to using a generalized breast model to segment digital mammograms" PROCEEDINGS OF THE 11TH IEEE SYMPOSIUM ON COMPUTER-BASED MEDICAL SYSTEMS. CBMS '98. LUBBOCK, TX, JUNE 12 - 14, 1998, IEEE SYMPOSIUM ON COMPUTER-BASED MEDICAL SYSTEMS, LOS ALAMITOS, CA: IEEE COMPUTER SOC, US, 12 June 1998 (1998-06-12), pages 84-89, XP010295005 ISBN: 0-8186-8564-6 the whole document ---	1,5,9
A	EP 1 113 392 A (GE MEDICAL SYST SA) 4 July 2001 (2001-07-04) claim 1 -----	1,5,9

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/00886

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